Table 29. GT0-GT10 events relocated using Pn and Sn phases with and without SSSCs

evid	date	time	lat	lon	depth	mb	ml	GT	data source	n-def	n-sta	n-Pn	n-Sn	gap	min dist	max dist	C	D	Diff-dist	Diff-area	with-dist	with-area	cw	cwo
Figure 29: PNE																								
20424662	1971/07/10	17:00:01.3	64.167	55.267	0.5	5.2		1	EX:SULTANOV	17	10	10	7	317.7	11.2	17.2	C4	D4	57	5513.1	32.5	5551.9	1	1

evid: event ID.
date, time, lat, lon, depth, mb, ml: GT information on the event.
GT: GT category of the event. GTX means location accuracy better than X km.
data source: data source for the origin information and sometimes for the arrival information as well (e.g. ENGDAHL_HDC, ISRAELSSON_JHD).
n-def: Number of defining phases.
n-sta: Number of defining stations.
n-Pn: Number of defining Pn phases with SSSCs.
n-Sn: Number of defining Sn phases with SSSCs.
gap, mindist, maxdist: azimuthal gap and minimum/maximum epicentral distance (in degrees)
C: Class C, defined based on locations relative to the GT accuracy
D: Class D, defined based on locations relative to 18 km mislocation
diff-dist: GT distance without SSSCs minus GT distance with SSSCs (km). Positive numbers indicate improvement.
diff-area: Ellipse area without SSSCs minus area with SSSCs (sqkm). Positive numbers indicate improvement.
with-dist: GT distance with SSSCs (km).
with-area: Ellipse area with SSSCs (sqkm)
cw: coverage with SSSCs. 1- covered; 0: otherwise
cwo: coverage without SSSCs. 1- covered; 0: otherwise